

===== WPI =====

TI - Rapid lining of a vessel with rubber - is carried out using pressurised fluid to inflate positioning air bag

AB - J58072437 Method is described for lining a vessel such as a circular bottle having a wide opening. In the conventional, method a lining sheet such as a rubber sheet must be adhered with adhesives, this requiring much labour and time.

- To reduce the labour and time, the novelty is that perforated or mesh box is covered with an air bag and its base is fixed to the box. A rubber tube for lining is put over the air bag and inserted into the vessel to be lined, after coating, its inner surface with adhesives. The box is evacuated and then a pressurised fluid is fed into the box until spraying through its meshes to inflate the air bag so that the rubber tube is closely pressed to the vessel.

PN - JP58072437 A 830430 DW8323 004pp

PR - JP810172360 811027

PA - (TIGE) TIGERS POLMER KK

MC - A11-B09A A12-P05 A12-P06

DC - A35 A92

IC - B29C27/16 ;B29H9/10

AN - 83-55163K [23]

===== PAJ =====

TI - LINING METHOD FOR INNER SURFACE OF VESSEL

AB - PURPOSE: To line a thin lining material uniformly with excellent working property by utilizing the expansion of an air bag and pressure-contacting the lining material coated onto the outer surface of the bag to the inner surface of the vessel.

- CONSTITUTION: The outside of a base box 4, to which a large number of through-holes 6 are formed and which is made of a metal, is coated with the air bag 3, the base bottom section of the bag is clamped by means of a band 18, the bag is fixed to the base box 4, and the bag 3 is further coated with the lining material 2. Said base box 4 is inserted into the vessel 1, to the inner surface side thereof adhesives are applied, the annular projection 9a of a flange 9 and the end surface of the vessel 1 are contacted through a packing 21, and the opening section of the vessel 1 is hermetically sealed. The inside of the base box 4 is evacuated through a pipe 12, the inside of the vessel 1 is evacuated through a pipe 14, a pressure fluid is introduced into the base box 4 from the pipe 12 and ejected from the through-holes 6, and the lining material 2 is expanded outward through the expanding air bag 5 and pressure-contacted with the inner surface of the vessel 1.

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